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FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 180

Complete if Known

Application Number 09/436,368
Filing Date Nov 8, 1999
First Named Inventor CRATER
Examiner Name
Art Unit 2711
Attorney Docket No. CTC-2

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METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account:

Deposit
Account
Number
Deposit
Account
Name

19-3875

Square D

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments

☒ Charge any additional fee(s) or any underpayment of fee(s)

☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001 770	2001 385	Utility filing fee	
1002 340	2002 170	Design filing fee	
1003 530	2003 265	Plant filing fee	
1004 770	2004 385	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	

SUBTOTAL (1) (\$)

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Extra Claims	Fee from below	Fee Paid
Independent Claims	-20** =	X	
Multiple Dependent	-3** =	X	

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
1202 18	2202 9	Claims in excess of 20
1201 86	2201 43	Independent claims in excess of 3
1203 290	2203 145	Multiple dependent claim, if not paid
1204 86	2204 43	** Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$)

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for ex parte reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	
1252 420	2252 210	Extension for reply within second month	
1253 950	2253 475	Extension for reply within third month	
1254 1,480	2254 740	Extension for reply within fourth month	
1255 2,010	2255 1,005	Extension for reply within fifth month	
1401 330	2401 165	Notice of Appeal	
1402 330	2402 165	Filing a brief in support of an appeal	
1403 290	2403 145	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,330	2453 665	Petition to revive - unintentional	
1501 1,330	2501 665	Utility issue fee (or reissue)	
1502 480	2502 240	Design issue fee	
1503 640	2503 320	Plant issue fee	
1460 130	1460 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1806 180	1806 180	Submission of Information Disclosure Stmt	180
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	
1809 770	2809 385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 770	2810 385	For each additional invention to be examined (37 CFR 1.129(b))	
1801 770	2801 385	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) 180

SUBMITTED BY

(Complete if applicable)

Name (Print/Type) Richard A. Baker, Jr. Registration No. 48,124 Telephone 978-975-9789
Signature [Signature] (Attorney/Agent) Date 7 October 2003

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This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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CERTIFICATE OF MAILING

I hereby certify that this correspondence along with a Fee Transmittal (PTO/SB/017) and 7 IDS forms (PTO/SB/08) with the referenced non-patent literature is being deposited with the United States Postal Service on October 7, 2003 as First Class Mail, postage prepaid in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Richard A. Baker, Jr.

Richard A. Baker, Jr.

DOCKET NO.: CTC-2

OCT 20 2003

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IN THE UNITED STATES PATENT & TRADEMARK OFFICE

IN RE APPLICATION OF :
CRATER, KENNETH : EXAMINER: NOT KNOWN
SERIAL NO: 09/436,368 :
FILED: NOV 8, 1999 : GROUP ART UNIT: 2711
FOR: DISTRIBUTED INTERFACE :
ARCHITURE FOR PROGRAMMABLE :
INDUSTRIAL CONTROL SYSTEMS :

INFORMATION-DISCLOSURE STATEMENT

COMMISSIONER FOR PATENTS
P.O. BOX 1450
ALEXANDRIA, VA. 22313-1450

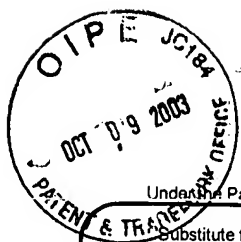
DEAR SIR:

In keeping with the duty of candor and good faith owed to the Patent and Trademark Office, I wish to bring to the Examiner's attention the references listed on the seven accompanying forms PTO/SB/08B. A copy of the non-patent literature is attached.

This Information Disclosure Statement is being filed before the first Office Action.

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Respectfully submitted,
Richard A. Baker, Jr.
Richard A. Baker, Jr.
Agent (USPTO Reg No 48,124)



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PTO/SB/08A (08-03)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1

of 7

Complete if Known

Application Number 09/436,368
Filing Date Nov 8, 1999
First Named Inventor CRATER
Art Unit 2711
Examiner Name
Attorney Docket Number CTC-2

OCT 20 2003

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U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 5990884	11/99	Douma	
		US- 6370550	4/02	Douma	
		US- 6453210	9/02	Belatosekovskiy	
		US- 6321272	11/01	Swales	
		US- 6370569	4/02	Austin	
		US- 6311101	10/01	Kastner	
		US- 6134552	10/00	Fritz	
		US- 5790977	8/98	Ezekiel	
		US- 6061603	5/9/00	Papadopoulos	
		US- 6061721	5/00	Ismael	
		US- 6201996	3/01	Crater	
		US- 4669040	5/87	Pettit	
		US- 5684375	11/97	Chaffe	
		US- 6424872	7/02	Glanzer	
		US- 6370569	4/02	Austin	
		US- 6505341	1/03	Harris	
		US- 5162982	11/92	Graber	
		US- 6434157	8/13/02	Dube	
		US- 6327511	12/4/01	Naismsith	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ *Number ⁴ *Kind Code ⁵ (if known)				
		WO 96 31047A	10-03-1996	Ramesh		
		WO 97 07486A	02-27-1997	Boehringer		

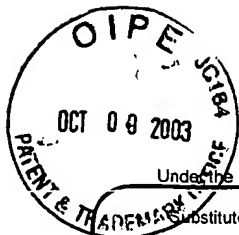
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Signature

Date
Considered

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 2 of 7

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Application Number	09/436,368
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First Named Inventor	CRATER
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		Number-Kind Code ² (if known)			
		US- 6233626	05-15-01	Swales	
		US- 6151625	11-21-00	Swales	
		US- 2002/0176441A1	11-28-02	Swales	
		US- 6466995	10-15-02	Swales	
		US- 6282454	08-28-01	Papadopoulos	
		US- 6484061	11-19-02	Papadopoulos	
		US- 5801689	09-01-98	Huntsman	
		US- 4918690	04-17-90	Markkula	
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FOREIGN PATENT DOCUMENTS

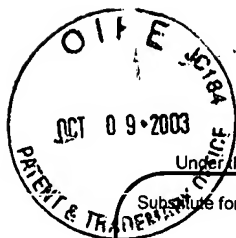
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				

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Sheet 3 of 7

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	93	KAO, James T; "Remote Microscope for Inspection of Integrated Circuits"; MIT Masters Thesis; September 1995.	✓
	58	"From Web Server to Railroad Layout", from web page http://rr-vs.informatik.uni-ulm.de/rr/LayoutControl.html .	✓
	58	"News Interactive Model Railroad", from web page http://rr-vs.informatik.uni-ulm.de/rr/WhatsNew.html .	✓
	58	"Frequently Asked Questions", from web page http://rr-vs.informatik.uni-ulm.de/rr/FAQ.html .	✓
	59	PUTNAM, Frederick A; "Internet-Based Data Aquisition and Control"; Sensors; November 1999.	✓
	62	FUHR, Peter L and Evan F MOWAT; "Remote Interrogation and Control of Sensors via the Internet"; Sensors; December 1995.	✓
	56	STAFFORD-FRASER, Quentin; "The Story of the Trojan Room Coffee Pot"; from web page http://www.cl.cam.ac.uk/coffee/qs/timeline.html .	✓
	55	STAFFORD-FRASER, Quentin; "The Trojan Room Coffee Pot"; from web page http://www.cl.cam.ac.uk/coffee/qs/coffee.html .	✓
	53	"The Trojan Room Coffee Machine"; from web page http://www.cl.cam.ac.uk/coffee/coffee.html .	✓
	49	"Disk Drive with Embedded Hyper-Text Markup Language Server"; IBM Technical Disclosure Bulletin; Dec 1995.	✓

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

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